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ABSTRACT

A method for making an opening in the bladder of an inflatable modular structure is disclosed and claimed. The structure has a core comprised of a fore and aft assembly separated by a longeron. There is an inflatable bladder and a restraint layer that are secured to the core. The restraint layer is comprised of two circumferential strap assemblies; each attachedly fastened at opposing ends of a radial strap assembly, and has an opening for a window. The restraint layer fits over the bladder. The bladder is inflated and the restraint layer is used along with a window template to locate the position of the window on the bladder. The bladder is deflated, the template is removed, and the identified portion of the bladder is cut away. The method may then be repeated.